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# United States Department of Agriculture,

## OFFICE OF EXPERIMENT STATIONS.

### STATISTICS OF LAND-GRANT COLLEGES AND AGRICULTURAL EXPERIMENT STATIONS, 1896.

The following statistical statements relate to the institutions established under the acts of Congress of July 2, 1862, and August 30, 1890, most of which maintain courses of instruction in agriculture, and to the agricultural experiment stations which, with a few exceptions, are organized under the act of Congress of March 2, 1887, and are conducted as departments of the institutions, receiving the benefits of the land-grant act of July 2, 1862. The statistics included in this circular have been compiled in part from replies to a circular of inquiry sent out from this office and in part from the annual report of the presidents of these institutions made on the schedules prescribed by the Commissioner of Education. Owing to the complex organization of many of the institutions it is impracticable to give exactly comparable statistics in all cases, and in a number of instances the data furnished are incomplete. Unless otherwise specified, the returns reported in the tables are for the institution as designated in the list given below:

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862.*

[All of the institutions in this list, except those marked with an asterisk (\*), maintain courses of instruction in agriculture.]

State.	Name of institution.	Locality.	President.
Alabama.....	State Agricultural and Mechanical College (Alabama Polytechnic Institute).	Auburn .....	W. L. Broun, M. A., LL. D.
	State Normal and Industrial School.	Normal .....	W. H. Councill.
Arizona .....	University of Arizona.....	Tucson .....	H. Billman, M. A.
Arkansas .....	Arkansas Industrial University..	Fayetteville.....	J. L. Buchanan, M. A., LL. D.
	*Branch Normal College.....	Pine Bluff .....	J. C. Corbin, M. A.
California.....	University of California.....	Berkeley .....	M. Kellogg, LL. D.
Colorado .....	The State Agricultural College...	Fort Collins .....	A. Ellis, M. A., Ph. D., LL. D.
Connecticut .....	Storrs Agricultural College.....	Storrs .....	B. F. Koons, Ph. D.
Delaware .....	Delaware College.....	Newark .....	G. A. Harter, M. A., Ph. D.
	State College for Colored Students.	Dover.....	W. C. Jason, M. A.
Florida .....	Florida Agricultural College....	Lake City .....	O. Clute, M. S., LL. D.
	Florida State Normal and Industrial College.	Tallahassee.....	T. De S. Tucker, M. A.
Georgia.....	Georgia State College of Agriculture and Mechanic Arts.	Athens .....	H. C. White, Ph. D.
	Georgia State Industrial College.	College .....	R. R. Wright.
Idaho.....	University of Idaho.....	Moscow .....	F. B. Gault, M. S.
Illinois .....	University of Illinois .....	Urbana .....	A. S. Draper, LL. D.
Indiana.....	Purdue University .....	Lafayette.....	J. H. Smart, M. A., LL. D.
Iowa .....	Iowa State College of Agriculture and Mechanic Arts.	Ames .....	W. M. Beardshear, M. A., LL. D.
Kansas .....	Kansas State Agricultural College.	Manhattan .....	G. T. Fairchild, LL. D.
Kentucky .....	Agricultural and Mechanical College of Kentucky.	Lexington .....	J. K. Patterson, Ph. D., LL. D.
	State Normal School for Colored Persons.	Frankfort .....	J. H. Jackson, M. A.
Louisiana.....	Louisiana State University and Agricultural and Mechanical College.	Baton Rouge.....	T. D. Boyd, M. A.

TABLE 1.—*Institutions established under the land-grant act of July 2, 1862—Continued.*  
 [All of the institutions in this list, except those marked with an asterisk (\*), maintain courses of instruction in agriculture.]

State.	Name of institution.	Locality.	President.
Louisiana.....	Southern University and Agricultural and Mechanical College.	New Orleans.....	H. A. Hill.
Maine .....	Maine State College of Agriculture and the Mechanic Arts.	Orono.....	A. W. Harris, D. Sc.
Maryland.....	Maryland Agricultural College.	College Park.....	R. W. Silvester.
Massachusetts.....	Massachusetts Agricultural College.	Amherst.....	H. H. Goodell, LL. D.
	* Massachusetts Institute of Technology.	Boston.....	
Michigan .....	Michigan State Agricultural College.	Agricultural College.	J. L. Snyder, M. A., Ph. D.
Minnesota .....	The University of Minnesota.	Minneapolis .....	C. Northrop, LL. D.
Mississippi .....	Mississippi Agricultural and Mechanical College.	Agricultural College.	S. D. Lee, LL. D.
	Alcorn Agricultural and Mechanical College.	Westside.....	Rev. E. H. Triplett.
Missouri.....	College of Agriculture and Mechanic Arts of the University of the State of Missouri.	Columbia .....	R. H. Jesse, LL. D.
	* School of Mines and Metallurgy of the University of Missouri.	Rolla .....	W. B. Richards, M. A.
	Lincoln Institute.	Jefferson City .....	I. E. Page.
Montana.....	The College of Agriculture and Mechanic Arts.	Bozeman .....	James Reid, B. A.
Nebraska.....	The University of Nebraska.	Lincoln.....	G. E. MacLean, Ph. D., LL. D.
Nevada.....	Nevada State University.	Reno .....	J. E. Stubbs, M. A., D. D., LL. D.
New Hampshire...	The New Hampshire College of Agriculture and the Mechanic Arts.	Durham .....	C. S. Murkland, M. A., Ph. D.
New Jersey.....	Rutgers Scientific School (The New Jersey State College for the Benefit of Agriculture and the Mechanic Arts).	New Brunswick..	Austin Scott, Ph. D., LL. D.
New Mexico.....	The New Mexico College of Agriculture and Mechanic Arts.	Mesilla Park.....	C. T. Jordan, M. A.
New York .....	Cornell University.	Ithaca .....	J. G. Schurman, M. A., D. Sc., LL. D.
North Carolina .....	The North Carolina College of Agriculture and Mechanic Arts.	West Raleigh.....	A. Q. Holladay, LL. D.
	The Agricultural and Mechanical College for the Colored Race.	Greensboro .....	J. B. Dudley.
North Dakota.....	North Dakota Agricultural College.	Fargo.....	J. H. Worst.
Ohio .....	Ohio State University.	Columbus.....	J. H. Canfield, LL. D.
Oklahoma .....	Oklahoma Agricultural and Mechanical College.	Stillwater.....	G. E. Morrow, M. A.
Oregon .....	State Agricultural College of Oregon.	Corvallis.....	H. B. Miller.
Pennsylvania.....	The Pennsylvania State College.	State College .....	G. W. Atherton, LL. D.
Rhode Island.....	Rhode Island College of Agriculture and Mechanic Arts.	Kingston .....	J. H. Washburn, Ph. D.
South Carolina .....	The Clemson Agricultural College.	Clemson College..	E. B. Craighead.
South Dakota.....	South Dakota Agricultural College.	Brookings .....	J. W. Heston, M. A., Ph. D., LL. D.
Tennessee.....	University of Tennessee.	Knoxville .....	C. W. Dabney, jr., Ph. D., LL. D.
Texas .....	Agricultural and Mechanical College of Texas.	College Station...	L. S. Ross.
	Prairie View State Normal School.	Prairie View.....	L. C. Anderson, M. A.
Utah .....	The Agricultural College of Utah.	Logan .....	J. M. Tanner.
Vermont.....	University of Vermont and State Agricultural College.	Burlington .....	M. H. Buckham, D. D.
Virginia .....	Virginia Polytechnic Institute (State Agricultural and Mechanical College).	Blacksburg .....	J. M. McBryde, Ph. D., LL. D.
	The Hampton Normal and Agricultural Institute.	Hampton .....	H. B. Frissell, D. D.
Washington .....	Agricultural College and School of Science of the State of Washington.	Pullman .....	E. A. Bryan, M. A.
West Virginia.....	West Virginia University.	Morgantown.....	J. L. Goodnight, D. D.
	The West Virginia Colored Institute.	Farm .....	J. H. Hill, M. A.
Wisconsin.....	University of Wisconsin.	Madison .....	C. K. Adams, LL. D.
Wyoming.....	University of Wyoming.	Laramie .....	F. P. Graves, Ph. D., Lit. D.

TABLE 2.—General statistics of 'land-grant colleges, 1890.

State.	Date of establishment of institution.	Date of establishment of agricultural course.	Faculty.			Experiment station officers.	Graduates.			Number of volumes in library.	Number of acres allotted to State under act of 1862, still unsold.	Number of acres of land grant in farm grounds.	Rate of interest on land-grant fund of 1862.
			College of Agriculture and Mechanic Arts.				In 1895-96.	Total number since organization.					
			Other departments.										
			Preparatory classes.	College and special classes.	Total.								
							Number.	Average age.	Y. M.				Per cent.
Alabama (Auburn).....	1872	1872	1	26	27	11	42	20 3	413	18,757	240,000	226	8
Alabama (Normal).....	1891	1891			37	7			3	5,362			
Arizona.....	1872	1872	17	20	31	6	22	27 9	194	1,720	45,678.68	60	8
Arkansas (Fayetteville).....			3		4	7	16	17 0	92	3,579	150,000	20	
Arkansas (Pine Bluff).....	1868	1868		51	138	8	118	22 8	1,150	66,978	150,000	449.76	6
California.....	1877	1878	1	22	23	7	12	21 6	80	18,000	90,000	240	6
Colorado.....	1881	1881		11	11	5	10	19 0	125	4,591		300	
Connecticut.....	1870	1870		10	10	2	6	19 0	188	14,788	90,000	14	6
Delaware (Newark).....	1892	1892	1	2	3	10	13	22 0	33	450		97.50	
Delaware (Dover).....	1884	1884	2	16	18	18				4,675	90,000	165	6
Florida (Lake City).....	1884	1884											
Florida (Tallahassee).....	1887	1890	12		12					35,390	300,000	70	7
Georgia (Athens).....	1872	1872		21	21		17	21 0	246			65	
Georgia (College).....				10	10		6	21 0					
Idaho.....	1892	1892			16		7	22 6	4	21,915	90,000	500	
Illinois.....	1867	1868	6	76	82		81	23 6	996	34,700	480,000	660	5.1
Indiana.....	1874	1874		49	49	5	10	23 0	730	9,536	390,000	189	5
Iowa.....	1869	1869		46	46		14	24 0	842	16,000		900	6.7, 8
Kansas.....	1863	1874	4	31	35		71	22 4	677	22,425	82,313.52	323	5.97
Kentucky (Lexington).....	1865	1880	4	14	18	8	7	20 0	144	2,838	330,000	100.5	6
Kentucky (Frankfort).....	1887	1892	2	2	4	2		21 0	51				
Louisiana (Baton Rouge).....	1877	1887	3	17	20	22	17	19 0	183	18,800	210,000	213.50	5
Louisiana (New Orleans).....	1880	1890	6	7	13			18 0	91	1,169		104	
Maine.....	1865	1868		24	24		11		468	12,326	210,000	373	5
Maryland.....	1859	1859	1	16	17	8	9	19 0		2,050		286	5.6
Massachusetts (Amherst).....	1867	1867		18	18	19	31	22 0	478	17,365	360,000	384	5
Massachusetts (Boston).....				47	47		192	23 0	1,584	55,236			
Michigan.....	1855	1855		31	31	15	32	24 0	1,703	25,749	235,682.46	676	7
Minnesota.....	1869	1869		53	53	132	10	16		61,000	94,000	300	3 to 3 1/2
Mississippi (Agricultural College).....	1880	1880	3	23	26	3	5	17	1,917	11,331	207,920	1,960.50	6
Mississippi (Westside).....	1871	1871	12	7	19	6	26	10	93	7,075		300	
Missouri (Columbia).....	1870	1870		49	49	13	10	16		55,248			



TABLE 2.—General statistics of land-grant colleges, 1896—Continued.

State.	Date of establishment of institution.	Date of establishment of agricultural course.	Faculty.				Experiment station officers.	Graduates.		Number of volumes in library.	Number of acres allotted to State under act of 1862.	Number of acres of land grant in farm and grounds.	Rate of interest on land grant of 1862.	
			College of Agriculture and Mechanic Arts.		Other departments.	In 1895-96.								
			Preparatory classes.	Collegiate and special classes.		Total.		Number.	Average age.					
														Total number since organization.
												Per cent.		
Missouri (Rolla)														5
Missouri (Jefferson City)			9	7	4		2	22 0	68	5,013				5
Montana	1893	1893	9	13	5	5	5	20 0	4	2,950	90,000	190		
Nebraska	1869	1869	21	35	46	1	44	23 0	150	33,856	90,000	20,461.51	332	6
Nevada	1873	1888	10	18	18	5	18	23 10	49	8,007	90,000	2,287.75	30	
New Hampshire	1866	1866	17	17	17	8	1	23 0	158	5,431	150,000	6		6
New Jersey	1864	1865	13	24	34	3	73	21 1	302	38,559	210,000	974		5
New Mexico	1889	1890	3	17	17	8	5	24 0	9	3,126		250		5
New York	1865	1865	16	206		16	378	22 10	58	217,083	990,000	155,748.26	270	5
North Carolina (West Raleigh)	1889	1889	2	5	7	11	1	24 0	6	900		25		
North Carolina (Greensboro)	1890	1890	2	13	15	11	117	23 0	6	3,450	90,000	90,000	640	
North Dakota	1870	1873	55	21	21	6	6	23 0	6	27,307		200		
Ohio	1870	1873	8	10	10	5	43	20 4	255	3,500	90,000	37,026	190	6
Oregon	1868	1888	2	20	21	14	36	22 7	328	12,000	780,000	400		8
Pennsylvania	1855	1859	23	23	23	12	6	23 0	32	23,436	50,000	178		3
Rhode Island	1880	1890	3	22	25	10	2	20 0	318	1,500		1,120		
South Carolina (Clemson College)	1889	1893	12	12	12	9	19	23 0	117	12,903	120,000	200		
South Carolina (Orangeburg)	1872	1872	6	13	19	8	29	22 0	12	24,948	120,000	480		
South Dakota	1884	1884	23	23	37	10	21	22 0	275	7,800	180,000	194		6
Tennessee	1794	1860	22	22	22	10	21	20 6	275	7,800	180,000	2,416		6, 7
Texas (College Station)	1871	1871	22	22	22	10	21	20 6	275	7,800	180,000	2,416		
Utah	1868	1889	3	21	21	7	7	22 4	29	5,224		108		
Vermont	1865	1885	21	21	27	11	97	23 0	3,074	52,682	150,000	120		6
Virginia (Blacksburg)	1872	1872	4	23	27	8	25	22 0	206	3,350		404		6
Virginia (Hampton)	1865	1890	32	6	38	27	3	22 0	909	8,484	300,000	795		
Washington	1892	1892	4	17	21	8	52	20 0	419	5,132		236		
West Virginia (Morgantown)	1867	1867	4	11	15	8	9	20 0	419	14,323	150,000	100		6
West Virginia (Farm)	1891	1892	2	3	5	8	9	20 0	419	14,323	150,000	30,25		
Wisconsin	1848	1866	21	19	40	87	9	276	2,788	56,000	240,000	243	300	53
Wyoming	1887	1891	1	10	11	1	7	21 0	25	5,532	100,000	90,000	327	

\* Total, counting none twice.

† Estimated.

TABLE 3.—Students at land-grant colleges in 1896.

State.	By classes.						By courses.										
	Preparatory classes.	Freshmen.	Sophomores.	Juniors.	Seniors.	Special.	Postgraduate.	Total.	Agriculture.	Mechanical engi- neering.	Civil engi- neering.	Electrical engi- neering.	Mining engi- neering.	Architecture.	Household econ- omy.	Veterinary sci- ence.	Military tactics.
Alabama (Auburn)	33	58	67	48	39	45	9	299	103	40	7	44	1	26	211	40	252
Alabama (Normal)	213	94	83	31				421	40								
Arizona	58	16	5	1	1	19		100			1	2	5				
Arkansas (Payetteville)	124	95	40	21	23		12	315	16	113	12	23					341
Arkansas (Pine Bluff)	40	18	11	2	2			73									
California		333	306	187	130	262	118	1,336	110	237	278	25	210			11	635
Colorado	52	101	36	16	12	12	3	232	23	48	27	27			71	120	120
Connecticut		19	17	18	15						30				18	4	50
Delaware (Newark)		23	20	11	14			68	7	6	10	13					
Delaware (Dover)	38	8						54									
Florida (Lake City)	51	34	18	11	14	72	3	203	7	27		2					146
Florida (Tallahassee)	67			3	3			73	20	154	23	9	4	28	47	20	
Georgia (Athens)		32	35	36	9		3	115	16	154	23	9	4				112
Georgia (College)								193	36					3			
Idaho	91	7	3	1				266	4		8						164
Illinois	224	27	7	4	4			266	4		79	126		97		6	367
Indiana	151	103	100	133	234	66	28	815	17	79	144	71	158			64	175
Iowa		174	114	94	81			463	64	144	71	32			69	10	202
Kansas	24	175	131	92	52	59	14	548	48	25	32	78	3	1	100	50	310
Kentucky (Frankfort)		353	121	67	71		32	644	236	100	70					1	
Kentucky (Lexington)		82	35	26	30		6	179	1	36	8						
Louisiana (Baton Rouge)		31	10	8					19	6							
Louisiana (New Orleans)	126	36	33	18	17	16	5	251	30	41	41			2	30	30	260
Maine	328	2		1				331	47								
Maryland		127	79	58	24	28		316	4	34	47						247
Massachusetts (Amherst)		38	25	16	15			94	13	17	42			9		13	118
Massachusetts (Boston)		20	14	23	36	30	15	138	161								161
Michigan		332	307	290	258			1,198		118	88	156	25	67			275
Minnesota		137	51	42	32		31	293	265	128							362
Mississippi (Agricultural College)		682	242	331	324	774	137	2,490	354	24	26	76	21		46		185
Mississippi (Westside)	111	95	39	17	15		11	288	233							11	19
Missouri (Columbia)	275	29	25	19	8			356	324								
Missouri (Rolla)									72	7	54	30	17			27	147
Missouri (Jefferson City)	213	16	12	8	2	34					16	2	34				
Montana																	
Nebraska	59	6	1	1	1			68	3	5					86		113
Nevada																	
Nebraska	122	76	56	40	33		26	353	40		24	90	5	2	7	9	80

TABLE 3.—Students at land-grant colleges in 1896—Continued.

State.	By classes.						By courses.										
	Preparatory classes.	Freshmen.	Sophomores.	Juniors.	Seniors.	Special.	Postgraduate.	Total.	Agriculture.	Mechanical engi- neering.	Civil engi- neering.	Electrical engi- neering.	Mining engineer- ing.	Architecture.	Household econ- omy.	Veterinary sci- ence.	Military tactics.
Nevada.....	48	67	24	19	24	.....	6	188	7	4	.....	.....	40	.....	.....	.....	160
New Hampshire.....	33	24	24	18	4	.....	1	80	48	18	.....	.....	.....	.....	.....	.....	52
New Jersey.....	148	29	25	29	43	5	.....	279	33	33	.....	.....	.....	.....	.....	.....	123
New Mexico.....	.....	12	9	1	4	.....	.....	26	1	5	.....	.....	.....	.....	.....	.....	.....
New York.....	.....	500	361	206	217	.....	23	1,307	30	201	121	295	.....	67	.....	.....	400
North Carolina (West Raleigh).....	23	107	57	18	18	.....	7	230	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Carolina (Greensboro).....	40	18	.....	.....	.....	.....	.....	58	.....	.....	.....	.....	.....	.....	.....	.....	.....
North Dakota.....	123	9	14	3	1	.....	2	161	10	4	.....	.....	.....	.....	16	.....	.....
Ohio.....	67	.....	.....	.....	.....	.....	3	.....	41	41	78	138	25	.....	.....	14	273
Oklahoma.....	88	47	10	4	6	.....	.....	155	64	.....	.....	.....	.....	.....	.....	.....	80
Oregon.....	80	175	63	54	9	.....	15	396	49	151	.....	.....	.....	.....	101	10	260
Pennsylvania.....	85	87	54	35	30	21	1	313	32	44	31	64	22	.....	.....	.....	325
Rhode Island.....	22	30	22	11	66	.....	9	160	32	66	.....	.....	.....	.....	19	10	68
South Carolina (Clemson College).....	172	44	32	28	37	.....	.....	313	63	57	.....	37	.....	.....	.....	.....	427
South Carolina (Orangeburg).....	126	6	2	1	2	.....	.....	137	50	.....	.....	.....	.....	94	17	.....	.....
South Dakota.....	33	24	12	21	21	.....	13	124	30	15	.....	.....	6	.....	69	.....	53
Tennessee.....	74	54	32	16	.....	.....	9	185	8	11	8	4	.....	.....	.....	50	140
Texas (College Station).....	126	130	64	30	30	.....	3	353	181	249	39	.....	.....	.....	.....	.....	351
Texas (Prairie View).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	311	117	37	21	11	.....	.....	497	4	2	3	.....	.....	.....	5	.....	.....
Vermont.....	75	60	55	53	.....	.....	.....	243	32	7	31	7	.....	.....	.....	.....	185
Virginia (Blacksburg).....	33	130	89	40	19	.....	24	335	30	76	14	67	.....	.....	.....	7	300
Virginia (Hampden).....	138	322	109	38	.....	.....	.....	627	149	.....	.....	.....	.....	.....	238	.....	382
Washington.....	164	25	17	10	.....	.....	.....	217	17	30	14	.....	3	.....	.....	2	162
West Virginia (Morgantown).....	145	.....	.....	.....	.....	78	1	224	6	48	87	.....	.....	.....	.....	.....	135
West Virginia (Farm).....	66	.....	.....	.....	.....	.....	.....	110	.....	21	.....	.....	.....	.....	61	.....	48
Wisconsin.....	299	220	182	165	362	.....	101	1,329	188	51	45	97	.....	.....	.....	.....	269
Wyoming.....	4	29	14	6	6	58	1	118	.....	7	1	.....	3	.....	.....	.....	41



TABLE 4.—Value of permanent funds and equipment of land-grant colleges, 1896.

State.	Land-grant fund of 1862.	Other land-grant funds.	Other permanent funds.	Land grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.
Alabama (Auburn)	\$253,500.00				\$25,000.00	\$137,000.00	\$15,150.00	\$15,560.00	\$17,500.00	\$21,000.00
Alabama (Normal)					10,000.00	20,000.00	1,000.00	1,200.00	1,250.00	1,000.00
Arizona					3,000.00	74,387.31	46,272.31	3,000.00	3,533.46	
Arkansas (Payetteville)					9,600.00	227,000.00	15,000.00	5,000.00	7,000.00	25,000.00
Arkansas (Pine Bluff)					50,000.00		1,000.00	8,000.00	3,000.00	10,000.00
California	727,909.40	\$149,092.99	\$1,808,070.70	\$31,799.80	1,082,082.00	646,792.94	35,441.31	9,572.90	9,689.00	* 365,000.00
Colorado	58,237.33			55,000.00	32,900.00	118,375.00	2,275.00		3,500.00	6,721.31
Connecticut		22,000.00			15,000.00	69,000.00	29,000.00			4,000.00
Delaware (Newark)	83,000.00				6,000.00	70,700.00	29,000.00	8,000.00	14,500.00	4,000.00
Delaware (Dover)					7,635.00	8,800.00	6,305.66	2,292.35		
Florida (Lake City)	9,107.00				7,105.00	33,973.50	2,500.00	1,500.00	5,065.50	8,202.10
Florida (Tallahassee)					13,000.00	15,000.00	80,000.00	5,000.00	832.82	
Georgia (Athens)	243,000.00				13,000.00	50,000.00			30,000.00	10,000.00
Georgia (College)		5,589.26			10,000.00	125,000.00	25,000.00	7,500.00	4,000.00	1,000.00
Idaho					100,000.00	520,000.00	127,234.00	12,000.00	40,000.00	10,770.00
Illinois	433,995.93			115,000.00	70,000.00	325,000.00	98,000.00	115,000.00	12,000.00	
Indiana	340,000.00				27,000.00	325,000.00	119,994.30	25,000.00	18,000.00	
Iowa	597,653.52		83,400.00	65,870.60	70,000.00	386,000.00	72,885.79	29,611.33	36,168.38	14,144.02
Kansas	502,561.55			720.00	47,600.00	210,875.00	29,000.00	20,000.00	5,000.00	4,000.00
Kentucky (Lexington)	165,000.00				275,000.00	130,000.00				
Kentucky (Frankfort)										
Louisiana (Baton Rouge)										
Louisiana (New Orleans)	182,313.03	136,000.00			21,350.00					† 275,000.00
Maine					22,000.00	44,034.00	2,927.36	3,880.77	1,500.00	5,507.00
Maryland	118,300.00		100,000.00		9,325.00	191,366.00	23,675.00	20,000.00	17,000.00	
Massachusetts (Amherst)	113,943.00				28,600.00	71,000.00	21,000.00	10,000.00	5,000.00	
Massachusetts (Boston)	219,000.00		141,375.35		45,000.00	228,915.00	17,500.00	500.00	17,080.00	7,500.00
Massachusetts (Boston)			650,000.00			535,000.00				* 200,000.00
Michigan	547,279.10			500,000.00	47,320.00	288,306.55	60,942.23	10,227.22	42,963.70	34,771.21
Minnesota	510,000.00	590,000.00		15,000.00	500,000.00	925,000.00	150,000.00	50,000.00	60,000.00	50,000.00
Mississippi (Agricultural College)	98,575.00				57,746.00	129,760.00	7,794.00	14,499.52	6,800.00	45,121.35
Mississippi (Westside)	113,375.00	10,000.00			2,500.00	8,500.00	2,000.00		4,549.50	
Missouri (Columbia)										
Missouri (Rolla)			129,391.67							
Missouri (Jefferson City)	80,500.00					69,000.00	22,000.00	1,500.00	6,300.00	1,600.00
Montana				225,000.00	12,000.00	110,000.00	5,000.00	5,000.00	5,000.00	2,000.00
Nebraska	61,955.15	19,565.63	72,510.00	143,234.00	15,000.00	395,000.00	37,950.00	29,500.00	50,000.00	25,000.00
Nevada	88,000.00	31,690.00		2,859.70	13,000.00	129,104.51	15,716.98	6,424.89	10,000.00	24,690.70
New Hampshire	80,000.00		36,000.00			175,331.00	18,000.00	12,026.00	8,500.00	6,470.00
New Jersey										
New Mexico	116,000.00				10,000.00	32,500.00	9,165.47	8,558.86	5,835.36	3,831.13

\* *a* This includes apparatus, machinery, and library.

+ Includes buildings, apparatus, machinery, and library.

TABLE 4.—*Value of permanent funds and equipment of land-grant colleges, 1896—Continued.*

State.	Land-grant fund of 1862.	Other land-grant funds.	Other permanent funds.	Land grant of 1862 still unsold.	Farm and grounds owned by the institution.	Buildings.	Apparatus.	Machinery.	Library.	Miscellaneous equipment.
New York.....	\$688,576.12		\$5,588,398.43	\$155,000.00	\$99,218.91	\$1,623,916.79		\$217,389.13	\$395,665.00	\$408,406.22
North Carolina (West Raleigh).....					19,500.00	72,554.49			2,000.00	1,500.00
North Carolina (Greensboro).....					5,000.00	40,000.00	\$5,000.00	1,800.00	7,000.00	5,600.00
North Dakota.....					25,000.00	82,500.00	8,000.00	2,500.00		
Ohio.....										
Oklahoma.....					5,000.00	20,000.00	7,000.00	1,500.00	6,000.00	2,500.00
Oregon.....	132,430.00				14,250.00	52,600.00	7,360.00	9,752.00	2,500.00	6,577.00
Pennsylvania.....	427,290.50	\$89,709.50			80,000.00	600,000.00	100,000.00		20,000.00	
Rhode Island.....	50,000.00				15,000.00	122,100.00	18,984.14	14,963.54	11,066.66	20,437.17
South Carolina (Clemson College).....			25,000.00			194,000.00		50,000.00	3,000.00	2,000.00
South Carolina (Orangeburg).....						33,000.00	2,500.00	8,000.00	1,500.00	3,000.00
South Dakota.....					15,000.00					
Tennessee.....	396,000.00				80,000.00	80,000.00				
Texas (College Station).....	204,000.00		24,000.00		106,370.00	159,400.00	9,000.00	12,000.00	50,000.00	2,000.00
Texas (Prairie View).....					48,320.00	314,707.91	20,902.60		5,500.00	
Utah.....										
Vermont.....	135,500.00				28,800.00	157,308.00	27,500.00	10,000.00	5,700.00	4,000.00
Virginia (Blacksburg).....	344,312.00		251,000.00		15,000.00	474,561.26	15,000.00	12,000.00	125,000.00	
Virginia (Hampton).....	285,000.00		459,578.04		30,000.00	139,000.00	30,000.00	30,000.00	2,500.00	500.00
Washington.....					52,000.00	404,000.00	1,500.00	65,000.00	4,000.00	46,500.00
West Virginia (Morgantown).....	90,000.00		24,750.00		10,000.00	135,000.00				
West Virginia (Farm).....	302,000.00	230,000.00			40,000.00	215,000.00	50,000.00	50,000.00	20,000.00	25,000.00
Wisconsin.....					2,750.00	25,000.00	2,000.00	8,000.00	600.00	8,000.00
Wyoming.....				900,000.00	150,000.00	1,000,000.00	200,000.00	50,000.00	50,000.00	50,000.00
					3,270.00	100,000.00	10,000.00	10,000.00	5,000.00	3,000.00

TABLE 5.—*Income of land-grant colleges for year ended June 30, 1896.*

State.	Interest on land grant of 1862.	Interest on other funds.	United States ap- propriation (act of 1890).	State ap- propriation (annual or regular).	State ap- propriation (occa- sional).	Tuition fees.	Incidental fees.	Miscel- laneous.	Total.	United States ap- propriation for experi- ment sta- tion (act of 1887).
Alabama (Auburn)	\$20,280.00		\$11,613.00	\$8,243.25						\$15,000.00
Alabama (Normal)			9,387.00	4,000.00			\$1,277.50	\$1,845.47	\$13,265.22	13,387.00
Arizona			21,000.00	2,090.11	\$6,806.98	\$375.00		1,333.13	\$1,605.22	15,000.00
Arkansas (Fayetteville)	10,400.00		13,272.00	25,000.00		1,200.00			51,872.00	15,000.00
Arkansas (Pine Bluff)			5,727.27	12,000.00		300.00			18,027.27	
California	43,806.55	\$113,280.69	21,000.00	112,543.56	5,000.00			10,469.54	306,100.34	15,000.00
Colorado	4,716.64		21,000.00	41,200.00	10,000.00			5,445.14	82,361.78	15,000.00
Connecticut			60,000.00	25,000.00	1,800.00				86,800.00	7,500.00
Delaware (Newark)	4,980.00		16,800.00			240.00	1,342.20	200.00	23,362.20	15,000.00
Delaware (Dover)			4,200.00						4,400.00	
Florida (Lake City)	9,107.00		10,500.00	7,500.00			2,476.53		29,583.53	15,000.00
Florida (Tallahassee)			10,500.00	2,800.00					13,300.00	
Georgia (Athens)	16,954.00		14,000.00				15.00		30,969.00	
Georgia (College)										
Idaho		250.00	21,000.00	5,410.00		257.25			26,917.25	15,000.00
Illinois	23,854.45	2,640.74	21,000.00	90,000.00	243,300.00	26,091.25	2,080.00	26,626.68	429,593.12	15,000.00
Indiana	17,000.00		21,000.00	30,000.00			15,105.00	17,178.69	100,283.69	15,000.00
Iowa	*46,596.05		22,000.00	36,912.63			2,296.75	34,267.93	142,073.36	15,000.00
Kansas	27,358.84		21,000.00	3,922.22				10,297.53	62,578.59	15,000.00
Kentucky (Lexington)	2,190.00		17,950.00	35,556.19		1,064.00	915.35	6,541.37	64,216.91	15,000.00
Kentucky (Frankfort)			3,045.00	3,000.00	2,000.00	60.00			8,105.00	
Louisiana (Baton Rouge)		5,440.00	10,170.00	10,000.00	15,000.00		487.50	2,674.18	52,887.37	15,000.00
Louisiana (New Orleans)	9,115.69		10,814.00	7,500.00					18,314.00	
Maine	5,915.00	4,000.00	21,000.00	20,000.00					51,015.00	15,000.00
Maryland	6,142.30		21,000.00	6,000.00	3,000.00	12,111.61	8,318.96	100.00	66,053.35	15,000.00
Massachusetts (Amherst)	7,300.00		14,000.00	20,000.00		430.00		9,486.48	41,730.00	15,000.00
Massachusetts (Boston)	5,341.08		7,000.00	25,000.00		216,000.00		135,000.00	318,541.08	
Michigan	44,037.25		21,000.00	10,000.00		130.00	5,014.94	5,126.24	85,308.43	15,000.00
Minnesota	19,000.00	32,838.47	22,000.00	110,070.97	15,000.00	53,500.00	1,000.00		253,409.44	15,000.00
Mississippi (Agricultural College)	5,914.50		9,685.20	27,500.00		413.50	816.83	10,947.94	55,277.97	15,000.00
Mississippi (Westside)	5,678.75		6,814.50	7,000.00					19,493.25	
Missouri (Columbia)										
Missouri (Rolla)										
Missouri (Jefferson City)	4,126.31	6,463.58	4,964.58	8,360.01		836.00	515.59	40.12	25,312.19	
Montana										
Nebraska	20,844.58	14,476.43	21,000.00		2,500.00	1,450.00		1,285.32	26,185.32	15,000.00
Nevada	3,520.00	1,240.00	21,000.00	63,014.33	73,000.00		2,600.00	2,100.00	197,035.34	15,000.00
New Hampshire	4,800.00		21,000.00	30,000.00				355.68	56,115.68	15,000.00
New Jersey	5,854.00		21,000.00	3,000.00	2,500.00	170.00	374.00	7,880.66	39,724.66	15,000.00
			21,000.00						26,854.02	15,000.00

† Approximate.

\* For year ended November 11, 1896.



TABLE 5.—*Income of land-grant colleges for year ended June 30, 1896*—Continued.

State.	Interest on land grant of 1862.	Interest on other funds.	United States appropriation (act of 1890).	State appropriation (annual or regular).	State appropriation (occasional).	Tuition fees.	Incidental fees.	Miscellaneous.	Total.	United States appropriation for experiment station (act of 1887).
New Mexico.....			\$21,000.00	\$7,200.00		\$571.00		\$110.75	\$58,881.75	\$15,000.00
New York.....	\$10,485.85	\$315,807.32	21,000.00			117,449.16		47,461.26	512,203.59	13,500.00
North Carolina (West Raleigh).....	7,500.00		13,637.40	10,000.00	\$7,500.00	2,364.82		1,894.81	42,897.03	
North Carolina (Greensboro).....			7,362.50		7,500.00	79.00	\$54.00		14,905.50	
North Dakota.....			21,000.00	5,966.69				2,828.41	29,795.10	15,000.00
Ohio.....			21,000.00	2,817.41						
Oklahoma.....			21,000.00					544.38	24,361.79	15,000.00
Oregon.....	4,953.81		21,000.00						25,953.81	15,000.00
Pennsylvania.....	25,637.43	5,382.57	21,000.00				3,893.93	3,346.92	59,260.85	15,000.00
Rhode Island.....	1,533.13	73.17	21,000.00	10,000.00					32,606.30	15,000.00
South Carolina (Clemson College).....	5,754.00	3,512.36	10,500.00	43,000.00			150.00		62,916.36	15,000.00
South Carolina (Orangeburg).....	5,754.00		10,500.00	1,000.00		1,000.00	1,000.00		21,254.00	15,000.00
South Dakota.....			21,000.00	6,000.00		1,550.00		3,455.19	32,005.19	15,000.00
Tennessee.....	23,760.00	1,650.00	21,000.00			6,055.38		2,683.79	55,129.17	15,000.00
Texas (College Station).....	14,280.00		15,750.00	30,500.00	2,500.00			18,722.78	81,752.78	15,000.00
Texas (Prairie View).....										
Utah.....			22,000.00	6,500.00		2,033.00	419.00	3,000.00	33,952.00	15,000.00
Vermont.....	8,130.00		21,000.00	6,000.00		7,700.00		5,600.00	48,430.00	15,000.00
Virginia (Blacksburg).....	20,658.72		14,000.00	3,000.00	12,000.00	1,000.00		13,703.88	64,362.60	15,000.00
Virginia (Hampton).....	10,329.36	24,859.95	7,000.00					117,306.58	159,495.89	
Washington.....			21,000.00						21,000.00	15,000.00
West Virginia (Morgantown).....	5,400.00	648.00	16,000.00	18,900.00				10,490.51	51,438.51	15,000.00
West Virginia (Farm).....			5,000.00	7,750.00				262.00	13,012.00	15,000.00
Wisconsin.....	17,000.00	15,000.00	21,000.00	255,000.00		20,000.00			394,000.00	15,000.00
Wyoming.....			21,000.00	3,600.00		600.00	100.00	66,000.00	25,300.00	15,000.00

\* For year ended August 1, 1896.

TABLE 6.—*General statistics of the agricultural experiment stations.*

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number in staff.	Number of teachers on staff.	Land used by station.	Principal lines of work.
Alabama (College).....	Auburn.....	W. L. Broun.....	Feb. —, 1893	Feb. 24, 1898	11	6	4,000, 226	Botany; fertilizer analysis; field experiments; horticulture; diseases of plants; pig feeding.
Alabama (Canebrake).....	Uniontown.....	H. Benton.....	Jan. 1, 1886	Apr. 1, 1888	3	.....	40	Field experiments; diseases of animals.
Arizona.....	Tucson.....	W. S. Devol.....	.....	1889	9	5	53	Field experiments; entomology; forestry; irrigation.
Arkansas.....	Fayetteville.....	R. L. Bennett.....	.....	1887	7	4	40	Analyses of foods and feeding stuffs; field experiments; horticulture; diseases of plants; diseases of animals.
California.....	Berkeley.....	E. W. Hilgard.....	1875	1888	25	9	183	Botany; meteorology; physics; chemistry and geographical distribution of soils; field crops; horticulture; technology of wine and olive oil; entomology; chemistry of foods and feeding stuffs; drainage and irrigation; reclamation of alkali lands.
Colorado.....	Fort Collins.....	Alston Ellis.....	1879	Feb. —, 1888	16	6	800	Chemistry; botany; meteorology; field experiments; horticulture; entomology; irrigation.
Connecticut (State).....	New Haven.....	S. W. Johnson.....	Oct. 1, 1875	May 18, 1887	14	.....	7	Chemistry; analysis and inspection of fertilizers and foods; field and pot experiments; chemistry of feeding stuffs and dairy products; diseases of plants; seed tests; horticulture.
Connecticut (Storrs).....	Storrs.....	W. O. Atwater.....	.....	do.....	6	1	12	Food and nutrition of men and animals; bacteriology of dairy products; dairying; field experiments.
Delaware.....	Newark.....	A. T. Neale.....	.....	Feb. 21, 1888	5	1	10	Chemistry; field experiments; horticulture; diseases of plants; entomology; feeding experiments; diseases of animals; dairying.
Florida.....	Lake City.....	O. Clute.....	.....	1888	8	4	115	Chemistry; field experiments; horticulture; entomology.
Georgia.....	Experiment.....	R. J. Redding.....	Feb. 18, 1888	July 1, 1889	5	1	129½	Field experiments; horticulture; dairying.
Idaho.....	Moscow.....	F. B. Gault.....	.....	Feb. 26, 1892	8	7	5	Chemistry; botany; field experiments; physics; entomology.
Illinois.....	Urbana.....	E. Davenport.....	.....	Mar. 21, 1888	11	9	170	Chemistry; bacteriology; field experiments; horticulture; forestry; diseases of plants; entomology; feeding experiments; dairying.
Indiana.....	Lafayette.....	C. S. Plumb.....	1885	Jan. —, 1888	9	5	150	Chemistry; pot and field experiments; horticulture; feeding experiments; diseases of animals.



TABLE 6.—General statistics of the agricultural experiment stations—Continued.

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number of teachers on staff.	Land used by station.	Principal lines of work.
Iowa .....	Ames .....	C. F. Curtiss .....	.....	Feb. 17, 1888	12	Acres.	Chemistry; field experiments; horticulture; diseases of plants; entomology; feeding experiments; dairying.
Kansas .....	Manhattan .....	G. T. Fairchild .....	.....	Feb. 8, 1888	14	100	Field experiments; horticulture; diseases of plants; entomology; feeding experiments; diseases of animals; irrigation.
Kentucky .....	Lexington .....	M. A. Scovell .....	Sept. —, 1885	Apr. —, 1888	8	45	Chemistry; soils; fertilizer analysis; field experiments; horticulture; diseases of plants; entomology; dairying.
Louisiana (Sngar) .....	New Orleans .....	W. C. Stahbs .....	Sept. —, 1885	.....	8	45	Chemistry; bacteriology; soils; field experiments; horticulture; sugar making; drainage, irrigation.
Louisiana (State) .....	Baton Rouge .....	.....do .....	Apr. —, 1886	.....	9	109	Chemistry; botany; bacteriology; geology; soils; field experiments; horticulture; entomology; feeding experiments.
Louisiana (North) .....	Calhoun .....	.....do .....	May —, 1887	.....	6	200	Chemistry; soils; fertilizers; field experiments; horticulture; dairying; stockraising.
Maine .....	Orono .....	C. D. Woods .....	Mar. —, 1885	Oct. 1, 1887	11	35	Chemistry; field experiments; horticulture; diseases of plants; food and nutrition of men and animals; diseases of animals; dairying.
Maryland .....	College Park .....	R. H. Miller .....	1888	Apr. 1, 1888	10	60	Chemistry; soils; field experiments; horticulture; entomology; feeding experiments.
Massachusetts .....	Amherst .....	H. H. Goodell .....	* 1882	Mar. 2, 1888	18	32	Chemistry; meteorology; analysis and control of fertilizers; field experiments; horticulture; diseases of plants; entomology; digestion and feeding experiments; diseases of animals.
Michigan .....	Agricultural College .....	C. D. Smith .....	.....	Feb. 26, 1888	17	60	Botany and bacteriology; field experiments; horticulture; forestry; diseases of plants; entomology; feeding experiments; diseases of animals; dairying.
Minnesota .....	St. Anthony Park .....	W. M. Liggett .....	Mar. 7, 1885	1888	12	1,153	Chemistry; field experiments; horticulture; plant diseases; feeding and breeding experiments; animal diseases; entomology; dairying.
Mississippi .....	Agricultural College .....	S. M. Tracy .....	.....	Jan. 27, 1888	12	120	Botany; soils; field experiments; horticulture; entomology; feeding experiments; diseases of animals; drainage and irrigation.

Missouri.....	Columbia.....	H. J. Waters.....	Jan. —, 1888	11	7	80	Chemistry; field experiments; horticulture; diseases of plants; entomology; feeding experiments; drainage.
Montana.....	Bozeman.....	S. M. Emery.....	July 1, 1893	5	4	160	Field experiments; diseases of plants; feeding experiments; diseases of animals; irrigation.
Nebraska.....	Lincoln.....	G. E. MacLean.....	Dec. 16, 1884	19	7	110	Chemistry; botany; meteorology; field experiments; horticulture; forestry; feeding and breeding experiments; diseases of animals.
Nevada.....	Reno.....	J. E. Stubbs.....	May 1, 1888	7	4	61	Chemistry; botany; soils; field experiments; horticulture; entomology; irrigation.
New Hampshire.....	Durham.....	C. S. Murkland.....	1886 Aug. 4, 1887	10	8	36½	Chemistry; field experiments; feeding experiments; diseases of animals; dairying.
New Jersey (State).....	New Brunswick.....	E. B. Voorhees.....	Mar. 10, 1880	10	.....	.....	Chemistry; analysis and control of fertilizers; field experiments; horticulture; dairy husbandry.
New Jersey (College).....	.....do.....	.....do.....	Apr. 26, 1888	8	4	57	Botany; diseases of plants; entomology; diseases of animals.
New Mexico.....	Mesilla Park.....	C. T. Jordan.....	Dec. 14, 1889	10	6	85	Chemistry; botany; field experiments; horticulture; diseases of plants; entomology; feeding experiments.
New York (State).....	Geneva.....	W. H. Jordan.....	Mar. —, 1882	15	.....	130	Chemistry; meteorology; analysis and control of fertilizers; field experiments; horticulture; diseases of plants; feeding experiments; poultry experiments; dairying.
New York (Cornell).....	Ithaca.....	I. P. Roberts.....	1879 Apr. —, 1888	13	6	40	Soils; fertilizer investigations; field experiments; poultry experiments; dairying.
North Carolina.....	Raleigh.....	H. E. Battle.....	Mar. 12, 1877	11	2	90	Chemistry; analysis and control of fertilizers; field experiments; horticulture; seed testing; composition of feeding stuffs; digestion experiments; poultry experiments.
North Dakota.....	Fargo.....	J. H. Worst.....	Mar. —, 1890	11	11	400	Field experiments; horticulture; diseases of plants; feeding experiments.
Ohio.....	Wooster.....	C. E. Thorne.....	Apr. 25, 1882	14	.....	607	Soils; field experiments; horticulture; diseases of plants; entomology; breeding and feeding experiments.
Oklahoma.....	Stillwater.....	G. E. Morrow.....	Dec. 25, 1890	8	7	120	Waters; soils; field experiments; horticulture; entomology; feeding experiments.
Oregon.....	Corvallis.....	H. B. Miller.....	July —, 1888	10	10	155	Chemistry; soils; field crops; horticulture; diseases of plants; entomology; digestion and feeding experiments; dairying.

\* In 1882 the State organized a station here and maintained it until June 18, 1895, when it became part of the Hatch Station at same place.

TABLE 6.—General statistics of the agricultural experiment stations—Continued.

Station.	Location.	Director.	Date of original organization.	Date of organization under Hatch Act.	Number in staff.	Number of teachers on staff.	Land used by station.	Principal lines of work.
Pennsylvania.....	State College.....	H. P. Armsby.....	.....	June 30, 1887	16	9	110 <i>Acres.</i>	Chemistry; meteorology; fertilizer analysis; field experiments; feeding experiments; dairying.
Rhode Island .....	Kingston .....	C. O. Flagg .....	.....	July 30, 1888	10	2	33½	Chemistry; field and pot experiments; horticulture; diseases of plants; poultry experiments.
South Carolina .....	Clemson College .....	E. B. Craighead .....	.....	Jan. —, 1888	12	7	51	Soils; analysis and control of fertilizers; field experiments; horticulture; dairying.
South Dakota .....	Brookings .....	J. H. Shepard .....	.....	Mar. 13, 1887	10	5	160	Chemistry; soils; field experiments; diseases of plants; forestry.
Tennessee .....	Knoxville .....	C. F. Vanderford .....	June 8, 1882	Aug. 4, 1887	10	3	105	Chemistry; botany; field experiments; horticulture; entomology.
Texas .....	College Station .....	J. H. Connell .....	.....	Jan. 25, 1888	11	8	20	Chemistry; field experiments; horticulture; diseases of plants; entomology; feeding experiments; diseases of animals.
Utah .....	Logan .....	L. Foster .....	.....	1890	12	6	90	Chemistry; field experiments; horticulture; forestry; feeding experiments; poultry.
Vermont .....	Burlington .....	J. L. Hilla .....	Nov. 24, 1886	Feb. 28, 1888	11	6	120	Chemistry; analysis and control of fertilizers; field experiments; horticulture; diseases of plants; entomology; feeding experiments; diseases of animals; dairying.
Virginia.....	Blacksburg .....	J. M. McBryde.....	1888	1891	10	6	350	Chemistry; fertilizers; diseases of plants; diseases of animals; entomology; feeding experiments.
Washington .....	Pullman .....	E. A. Bryan .....	.....	1891	9	6	235	Soils; field experiments; horticulture; forestry; feeding experiments.
West Virginia.....	Morgantown .....	J. A. Myers .....	.....	June 11, 1888	10	6	90	Chemistry; analysis and control of fertilizers; horticulture; entomology.
Wisconsin.....	Madison .....	W. A. Henry .....	1883	1887	15	10	40	Chemistry; soils; field experiments; horticulture; feeding experiments; diseases of animals; dairying; drainage and irrigation.
Wyoming.....	Laramie .....	F. P. Graves .....	1887	Mar. 1, 1891	12	6	301	Geology; botany; meteorology; waters; soils; fertilizers; field experiments; entomology; food analysis; feeding experiments.



TABLE 7.—*Revenue of the agricultural experiment stations in 1896.*

Station.	Hatch fund.	State.	Individuals and communities.	Fees.	Farm products.	Miscellaneous.	Total.	Addition to equipment in 1896.					
								Buildings.	Library.	Apparatus.	Farm implements.	Live stock.	Miscellaneous.
Alabama (Collego)	\$15,000.00			\$8,249.25			\$23,249.25	\$937.28	\$976.11	\$639.65	\$183.23	\$170.00	
Alabama (Canebrake)	\$2,500.00				\$625.00		3,125.00			100.00	125.00	35.00	\$565.00
Arizona	15,000.00					\$43.50	15,043.50	729.42	3.80	205.34	358.99		1,297.55
Arkansas	15,000.00						15,000.00	711.68	360.95	138.30	324.05	43.50	1,578.48
California	15,000.00	15,098.89					30,098.89	3,036.57	122.49	293.93	251.99	75.00	3,689.98
Colorado	15,000.00			6,669.93	2,952.71	65.23	18,017.94	8,035.29	19.04	123.48	292.31	1,029.50	1,479.02
Connecticut (State)	7,500.00	11,875.00			52.10	412.92	26,515.65	717.82	568.27	428.78	30.85		1,744.87
Connecticut (Stores)	7,500.00	1,800.00			57.80	762.49	19,114.59	80.80		640.31	22.85		923.08
Delaware	15,000.00				15.49		15,015.49	597.26	383.22	144.76	27.37		1,364.17
Florida	15,000.00	900.16			300.81		16,200.97	1,153.15	108.27	1.00	141.24	95.00	1,498.66
Georgia	15,000.00	607.82			2,040.32	*770.51	18,418.65	942.89	7.69		188.31		1,138.89
Idaho	15,000.00				500.00		15,500.00	750.00	4.09	86.35	174.26	255.40	2,270.10
Illinois	15,000.00			140.00	2,904.53	204.49	18,249.02	619.11	247.60	9.35	322.50		1,923.96
Indiana	15,000.00				2,239.25		17,239.25	129.15	171.92	65.64	198.72		653.08
Iowa	15,000.00	1,500.00			3,358.32	125.20	19,933.52	396.14	21.23	33.35	227.40	1,805.78	2,483.90
Kansas	15,000.00				539.75		15,539.75	477.05	112.24	67.54	163.89		820.72
Kentucky	15,000.00			7,669.71	*1,660.21	*374.90	24,704.82	146.09	368.02	16.75	440.60	435.00	4,667.85
Louisiana	15,000.00	18,000.00	\$2,624.75	4,395.94	499.98	*3,721.23	41,241.90	529.17	187.71	97.47	1,302.95	260.00	2,377.30
Maine	15,000.00			1,846.59	426.86	750.00	18,023.45	154.61	156.09	700.00		650.00	1,660.70
Maryland	15,000.00				693.21	*656.99	16,350.20	2,017.57	105.42	38.06	836.44	487.75	3,485.24
Massachusetts	15,000.00	*11,704.37		3,627.17	1,204.46	733.64	32,263.61	1,790.27	1,019.69	111.50	341.78	365.00	4,010.69
Michigan	15,000.00			1,380.00	1,445.28	*2,848.33	20,673.61	790.00	131.95	294.93	88.05	909.10	2,273.68
Minnesota	15,000.00	11,262.75		10.50	1,738.67	*880.40	26,262.75	625.64	48.87	240.73	523.10		3,324.13
Mississippi	15,000.00			356.96	913.83	*1,323.26	17,629.57	1,500.00	79.98	4.50	240.70	1,085.84	2,921.02
Missouri	15,000.00				1,235.32		16,235.32	951.75	276.54	922.79	146.58	511.05	3,340.78
Montana	15,000.00						15,516.04	1,985.32	345.67	345.47	436.13	176.68	3,421.09
Nebraska	15,000.00					516.04	15,516.04	812.83	173.29	817.40	457.78		2,437.98
Nevada	15,000.00			558.00	76.65	*58.46	15,135.11	703.50	31.74		65.84		1,249.00
New Hampshire	15,000.00				623.67		16,181.67	392.60	4.66	258.07	846.51	93.72	1,770.89
New Jersey (State)		\$15,998.72					15,998.72						
New Jersey (College)	15,000.00						15,000.00	645.60	625.37	491.23	55.85		1,818.05
New Mexico	15,000.00				110.75		15,110.75	627.45	25.60	210.32	109.80	55.00	1,928.17
New York (State)	1,500.00	*80,995.70			1,460.37		83,956.07	11,909.37	700.35	1,011.07	541.46	658.25	14,910.66
New York (Cornell)	13,500.00	16,000.00			*836.29		30,356.29	757.57	80.84	472.46	210.03	20.00	1,538.00
North Carolina	15,000.00	9,000.00			1,015.00		25,015.00	686.50	281.88	144.47	282.36	361.20	1,756.41
North Dakota	15,000.00	83.34			2,363.46		1,000.98	1,190.98	9.15		736.42	400.50	2,707.05
Ohio	15,000.00	52,184.98			4,453.74		71,638.72	24,326.91	45.45	74.42	271.89	457.10	25,175.77
Oklahoma	15,000.00				544.38		15,544.38	748.37	1,009.50		605.97	1,316.27	4,960.75
Oregon	15,000.00						15,000.00			167.23	342.75	159.00	668.98
Pennsylvania	15,000.00			7,555.03	10,885.13	50.79	33,690.95	587.63	15.50	183.48	279.73	90.96	1,157.30
Rhode Island	15,000.00			2,676.84	1,296.04	*1,094.80	20,067.68	276.58	558.16	157.68	262.63	505.88	1,760.93
South Carolina	15,000.00						15,000.00	566.01	161.71	299.22	931.02	54.07	2,015.63

† \$1,000 special appropriation for San José scale.

\* For year ending September 30, 1896.

\* Including balance on hand.

TABLE 7.—*Revenue of the agricultural experiment stations in 1896—Continued.*

Station.	Hatch fund.	State.	Individuals and communities.	Fees.	Farm products.	Miscellaneous.	Total.	Addition to equipment in 1896.					
								Buildings.	Library.	Apparatus.	Farm implements.	Live stock.	Miscellaneous.
South Dakota.....	\$15,000.00	\$1,120.00	.....	.....	.....	\$684.13	\$16,804.13	\$1,303.86	\$29.66	\$402.34	\$222.58	\$10.00	.....
Tennessee.....	15,000.00	.....	.....	\$415.00	\$1,440.12	.....	16,855.12	1,402.32	172.83	308.94	159.95	265.00	.....
Texas.....	15,000.00	2,500.00	.....	.....	.....	.....	17,500.00	204.28	106.47	29.50	55.67	10.00	.....
Utah.....	15,000.00	.....	.....	.....	2,314.05	.....	17,314.05	150.88	126.74	276.97	362.48	557.73	.....
Vermont.....	15,000.00	1,531.37	.....	.....	3,389.07	.....	19,920.44	1,377.99	176.67	126.96	387.05	696.50	.....
Virginia.....	15,000.00	.....	.....	.....	3,455.76	.....	18,570.39	298.83	.....	.....	184.73	368.35	.....
Washington.....	15,000.00	8,000.00	\$2,500.00	.....	.....	114.63	27,233.00	870.60	146.43	92.23	454.24	349.25	.....
West Virginia.....	15,000.00	.....	.....	5,709.03	259.17	.....	22,355.19	9,834.23	346.52	1,096.86	1,168.68	819.66	.....
Wisconsin.....	15,000.00	5,000.00	.....	425.00	9,575.00	1,386.99	30,000.00	1,251.78	448.00	976.18	1,331.01	131.00	\$78.12
Wyoming.....	15,000.00	.....	.....	.....	266.95	.....	15,266.95	454.38	.....	126.00	471.88	418.00	.....
Totals.....	720,000.00	267,663.10	5,124.75	51,884.95	69,806.50	19,311.93	1,133,791.23	76,175.24	19,902.68	14,753.95	19,103.76	19,503.55	2,416.56
													148,776.13

\* Including balance on hand.



TABLE 8.—Expenditures of the agricultural experiment stations from United States appropriation for year ending June 30, 1896.\*

Station.	Amount.	Itemized.																	Bal- ance.	
		Salaries.	Labor.	Publi- cations.	Post- age and station- ery.	Freight and express.	Heat, light, and water.	Chem- ical sup- plies.	Seeds, plants, and sundry sup- plies.	Ferti- lizers.	Feed- ing stuffs.	Li- brary.	Tools, imple- ments, and mach- in- ery.	Furni- ture and fix- tures.	Sci- entific appa- ra- tus.	Live stock.	Trav- el- ing ex- penses.	Con- tin- gent ex- penses.		Build- ing and re- pairs.
Alabama.....	\$15,000	\$8,950.77	\$1,033.64	\$117.61	\$126.57	\$256.28	\$187.40	\$483.88	\$509.26	\$306.99	\$59.01	\$676.11	\$114.11	\$95.14	\$639.65	\$170.00	\$167.04	\$136.35	\$663.19	\$12,911.91
Arizona.....	15,000	6,273.17	3,676.17	534.80	326.78	266.70	300.00	284.84	156.23	466.38	274.69	3,800	358.99	63.85	205.34	860.75	205.18	860.75	205.18	729.42
Arkansas.....	15,000	8,582.35	1,364.31	1,093.10	136.55	247.71	64.70	270.95	529.00	65.55	78.15	360.95	294.05	303.25	138.30	43.50	594.40	81.50	711.08	
California.....	15,000	6,065.04	4,378.75	117.74	371.20	389.14	145.89	242.71	658.57	288.64	262.20	22.49	341.44	46.80	203.93	785.18	58.75	681.53		
Colorado.....	15,000	9,224.36	2,304.48	522.40	113.08	70.68	6.85	54.30	575.90	96.00	326.38	19.04	222.31	36.29	123.48	1,029.50	179.66	10.00	85.29	
Connecticut.....	7,500	7,500.00																		
Delaware.....	7,500	4,844.96	482.09	183.20	331.28	111.50	352.97	367.42	53.38	105.48	122.66		22.85	87.83		179.12	164.46	10.00	80.80	
Florida.....	15,000	9,829.78	1,148.95	752.21	185.38	74.84	214.95	210.14	221.11	12.34	51.29	503.87	27.37	190.85	144.76	226.93	623.34	74.63	507.26	
Georgia.....	15,000	5,134.53	3,580.72	1,858.20	97.83	209.49	103.49	896.02	896.02	630.76	517.90	103.82	133.79	16.80		95.00	676.48	123.82	603.32	
Idaho.....	15,000	7,352.79	2,809.04	2,091.03	154.91	163.85	90.64	15.63	693.29	527.15	10.18	7.69	138.31	90.49		255.40	150.66		748.13	
Illinois.....	15,000	6,382.92	3,207.52	127.25	321.00	395.73	594.60	10.00	491.09	147.50	56.72	4.69	1,174.26	89.75	86.35		178.95	127.00	750.00	
Indiana.....	15,000	7,131.66	3,917.90	1,265.42	118.55	115.84	211.82	622.19	560.73		262.96	247.60	182.50	33.95	9.35	15.00	211.38	44.90	48.25	
Iowa.....	15,000	8,197.70	3,049.30	1,523.34	143.59	88.16	401.50	156.23	478.92	26.24	292.06	171.92	179.64	23.85	39.20	76.75	46.15	31.61	73.84	
Kansas.....	15,000	10,069.97	2,216.33	1,428.83	70.46	126.16		24.60	303.96		198.53	112.24	163.89	6.25	67.54	44.00	121.20	15.75	30.23	
Kentucky.....	15,000	9,628.75	2,447.00	974.35	134.50	63.56	153.46	162.17	420.51		2.00	368.02	47.53	246.39	16.75		225.76	96.00	13.25	
Louisiana.....	15,000	7,944.10	714.37	399.20	139.01	204.61	381.98	225.74	160.39	168.94	247.27	187.71	351.90	101.10	97.47	260.00		233.23	519.46	
Maine.....	15,000	9,346.48	2,276.46	962.26	76.43	139.15	309.71	35.10	302.30	57.90	397.54	105.42	836.44	3.15	38.06	487.75	306.38	241.76	748.56	
Maryland.....	15,000	5,218.50	3,541.94	2,816.86	284.66	185.00	110.15		572.98	96.88	291.51	686.33	326.63	70.47	96.00		92.31	155.11	433.57	
Massachusetts.....	15,000	9,101.37	1,593.00	1,536.00	135.00		244.43	549.00	173.34		864.50	48.00	297.53	290.93	294.93	909.10	296.94	50	750.00	
Michigan.....	15,000	4,301.50	5,125.60	823.30	436.75	118.37	329.75	219.50	541.75		864.50	48.00	297.53	290.93	294.93	909.10	296.94	50	750.00	
Minnesota.....	15,000	9,273.35	1,544.62	991.10	127.61	176.34	84.12	231.87	442.07	53.00	249.85	79.98	146.58	14.35	4.50	474.72	251.82	10.00	750.00	
Mississippi.....	15,000	6,454.10	3,257.84	789.95	366.89	141.18	155.44	388.00	368.72	16.55	196.25	276.54	240.70	332.07	887.89	511.65	271.35	73.60	750.00	
Missouri.....	15,000	7,094.15	2,820.12	498.30	105.35	197.85	318.11	580.76	532.18	30.00	50.11	165.57	426.13	60.50	345.47	498.60	106.80	10.00	7.50	
Montana.....	15,000	7,924.06	1,574.87	1,075.30	368.85	88.80	387.68	190.77	449.29	34.71	304.97	173.29	409.28	7.70	817.40	176.68	361.30	83.32	750.00	
Nebraska.....	15,000	9,607.36	2,169.25	367.55	72.40	67.55	452.90	268.59	330.20		21.35	31.74	36.99	136.30			361.30	84.20	1001.32	
Nevada.....	15,000	8,016.00	1,395.26	608.34	37.78	221.10	465.76	163.02	324.27	243.44	104.04	4.66	846.51	175.33	258.07	93.72	496.26	191.47	302.60	
New Hampshire.....	15,000	9,672.06	776.08	957.53	387.62	88.80	186.04	123.72	177.98	133.63	69.66	625.37	35.85	74.09	491.23	58.75	465.79	59.00	645.60	
New Jersey.....	15,000	7,363.20	2,967.96	1,116.98	347.26	147.25	91.27	53.73	639.13	166.27	92.50	25.60	319.66	48.86			723.38	107.73	636.35	
New Mexico.....	1,500	1,000.00													491.76			8.24		
New York.....	13,500	5,403.98	1,098.29	793.74	257.46	322.20	5.36	312.65	600.73	148.74	157.13	80.94	96.46	394.13	276.18	20.00	146.45	10.00	663.56	
New York State.....	15,000	8,335.17	1,065.50	593.28	654.07	395.36	392.01	315.52	395.85	42.65	629.74	281.88	282.36	134.06	132.47	107.00	429.21	259.43	686.50	
North Carolina.....	15,000	4,300.83	5,676.86	423.40	261.38	287.22	487.98	45.15	819.25		495.88	9.15	736.42	212.74	373.00	18.50	104.24	150.00		
North Dakota.....	15,000	12,437.00	684.19	40.28	154.00		122.62	51.45	787.13	94.55	201.03	43.45	234.61	1.05	74.42	18.00	33.00	21.65	1.00	
Ohio.....	15,000	4,384.96	2,650.36	600.50	190.18	230.02	73.53	291.58	719.24	3.99	270.71	1,009.50	605.97	478.91	1,280.64	1,316.27	104.58	10.00	748.37	
Oklahoma.....	15,000	9,686.05	2,171.04	269.90	68.51	144.81	169.80	296.25	595.44	12.25	319.49	10.66	342.75		167.23	159.00	493.50	15.05	78.42	
Oregon.....	15,000																			

\*The expenditures under different heads are affected by the total revenues of the station as shown in Table 2.

TABLE 8.—Expenditures of the agricultural experiment stations from United States appropriation for year ending June 30, 1896.—Continued.

Station.	Amount.	Itemized.																	Bal- ance.	
		Salaries.	Labor.	Publi- cations.	Post- age and station- ery.	Freight and express.	Heat, light, and water.	Chem- ical and sup- plies.	Seeds, plants, and sundry sup- plies.	Ferti- lizers.	Feed- ing stuffs.	Li- brary.	Tools, imple- ments, and ma- chinery.	Furni- ture and fix- tures.	Scien- tific appa- ratus.	Live stock.	Trav- eling ex- penses.	Con- tin- gent ex- penses.		Build- ing and re- pairs.
Pennsylvania.....	\$15,000	\$11,634.97	\$348.95	\$315.32	\$422.75	.....	\$477.31	\$187.99	\$30.18	\$93.54	\$449.34	\$15.50	\$58.55	\$1.25	\$53.69	\$90.96	\$255.29	\$38.90	\$26.41	.....
Rhode Island.....	15,000	8,469.27	1,713.68	1,969.34	104.42	\$118.78	99.18	38.88	548.56	353.26	26.34	285.70	242.91	85.52	7.25	363.00	334.56	25.79	213.56	.....
South Carolina.....	15,000	10,057.85	1,136.97	338.47	122.71	290.42	121.77	131.55	380.78	44.85	356.60	164.71	931.02	23.00	299.22	54.97	.....	10.00	566.01	.....
South Dakota.....	15,000	9,637.40	2,157.45	866.13	176.48	159.09	.....	141.27	392.81	.....	79.78	29.66	222.58	37.20	402.34	10.00	134.95	15.00	658.86	.....
Tennessee.....	15,000	8,233.33	2,521.43	1,639.56	136.95	76.27	459.43	142.45	129.95	52.00	29.50	172.83	23.95	104.66	256.25	.....	154.97	37.40	748.07	.....
Texas.....	15,000	11,493.28	823.92	919.40	130.66	186.54	.....	385.59	163.38	.....	34.42	106.47	55.67	.....	29.50	10.00	252.14	204.75	294.28	.....
Utah.....	15,000	5,685.44	3,488.45	840.34	159.50	119.90	454.04	541.92	611.06	.....	1384.73	126.74	362.48	100.40	276.97	557.73	125.10	23.72	150.88	.....
Vermont.....	15,000	4,130.02	5,547.20	1,450.49	469.29	229.08	627.30	267.92	71.18	69.50	122.26	175.67	173.03	24.67	126.96	696.50	180.59	37.83	599.51	.....
Virginia.....	15,000	8,655.73	2,690.00	1,295.73	53.58	160.32	199.21	178.36	692.50	.....	337.68	184.73	14.97	.....	89.78	160.00	168.56	10.40	298.83	.....
Washington.....	15,000	7,297.65	2,742.48	520.84	91.81	390.41	.....	137.92	657.64	273.93	113.22	140.43	450.24	.....	.....	349.25	166.75	1.71	746.97	.....
West Virginia.....	15,000	8,534.87	2,287.21	120.94	770.71	361.74	287.74	768.24	580.29	.....	172.08	153.81	546.15	90.84	186.43	131.00	86.41	23.43	440.30	.....
Wisconsin.....	15,000	6,875.00	3,496.61	44.94	197.11	128.34	491.63	70.15	.....	.....	112.08	153.81	471.88	164.40	126.00	418.00	765.81	8.10	454.38	.....
Wyoming.....	15,000	4,604.67	5,819.12	1,010.18	167.12	197.55	68.01	142.83	353.21	.....	229.74	.....	.....	.....	.....	.....	.....	.....	.....	.....

Approved:

JAMES WILSON,

Secretary.

A. C. TRUE,  
Director.

WASHINGTON, D. C., April 1, 1897.